

L Number	Hits	Search Text	DB	Time stamp
-	71	(multidimensional or multi-dimensional) adj function	USPAT	2004/05/19 22:29
-	36	((multidimensional or multi-dimensional) adj function) and model	USPAT	2003/08/08 12:23
-	1	(((multidimensional or multi-dimensional) adj function) and model) and (simple adj finite adj geometry)	USPAT	2003/08/08 12:00
-	2	simple adj finite adj geometry	USPAT	2003/08/08 12:00
-	4	((multidimensional or multi-dimensional) adj function) same model	USPAT	2003/08/08 12:22
-	55	radon and neural	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 22:30
-	13	radon and neural and dual	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 22:11
-	6	Radon near weight\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/16 19:01
-	124	Radon same weight\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 22:30
-	26	(5311600, 5101270, 5654820, 5953452, 5414804, 5475726, 5491735, 5515409, 5960055, 6009142, 6061423, 6072851, "6108575").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 22:11
-	4	((5311600, 5101270, 5654820, 5953452, 5414804, 5475726, 5491735, 5515409, 5960055, 6009142, 6061423, 6072851, "6108575").pn.) and Radon and neural	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/17 08:35
-	2	((((5311600, 5101270, 5654820, 5953452, 5414804, 5475726, 5491735, 5515409, 5960055, 6009142, 6061423, 6072851, "6108575").pn.) and Radon and neural) and function and geometry	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/17 08:35
-	1	(((5311600, 5101270, 5654820, 5953452, 5414804, 5475726, 5491735, 5515409, 5960055, 6009142, 6061423, 6072851, "6108575").pn.) and Radon and neural) and function and geometry) and train\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/17 08:35
-	29	Radon same weight\$1 same function	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 22:11
-	6	(5311600, 5101270, 5654820, 5953452, 5414804, 5475726, 5491735, 5515409, 5960055, 6009142, 6061423, 6072851, "6108575").pn. and (Radon same weight\$1 same function\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/17 18:59

-	2	6560586.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/17 18:59
-	12	(5311600, 5101270, 5654820, 5953452, 5414804, 5475726, 5491735, 5515409, 5960055, 6009142, 6061423, 6072851, "6108575").pn. and interpolat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/18 10:08
-	7	("6560586" "5963388" "5953388" "6009142" "5504792" "5400255" "5784481").pn.	USPAT	2004/05/19 17:40
-	7	("us-6560586-\$" "us-5963388-\$" "us-5953388-\$" "us-6009142-\$" "us-5504792-\$" "us-5400255-\$" "us-5784481" us-5311600-\$ us-6424737-\$ us-6208982-\$ us-6223195-\$ us-5953452-\$ us-5414804-\$ "20010031100").did.	USPAT; US-PGPUB	2004/05/19 17:32
-	7	("us-6560586-\$" "us-5963388-\$" "us-5953388-\$" "us-6009142-\$" "us-5504792-\$" "us-5400255-\$" "us-5784481-\$" us-5311600-\$ us-6424737-\$ us-6208982-\$ us-6223195-\$ us-5953452-\$ us-5414804-\$ "20010031100").did.	USPAT; US-PGPUB	2004/05/19 17:40
-	1	("us-6560586-\$" "us-5963388-\$" "us-5953388-\$" "us-6009142-\$" "us-5504792-\$" "us-5400255-\$" "us-5784481-\$" "us-5311600-\$" "us-6424737-\$" "us-6208982-\$" "us-6223195-\$" "us-5953452-\$" "us-5414804-\$" "20010031100").did.	USPAT; US-PGPUB	2004/05/19 17:33
-	2	("us-6560586-\$" "us-5963388-\$" "us-5953388-\$" "us-6009142-\$" "us-5504792-\$" "us-5400255-\$" "us-5784481-\$" "us-5311600-\$" "us-6424737-\$" "us-6208982-\$" "us-6223195-\$" "us-5953452-\$" "us-5414804-\$" "20010031100").did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 17:33
-	0	("us-6560586-\$" "us-5963388-\$" "us-5953388-\$" "us-6009142-\$" "us-5504792-\$" "us-5400255-\$" "us-5784481-\$" us-5311600-\$ us-6424737-\$ us-6208982-\$ us-6223195-\$ us-5953452-\$ us-5414804-\$).pn.	USPAT	2004/05/19 17:40
-	13	("6560586" "5963388" "5953388" "6009142" "5504792" "5400255" "5784481" "5311600" "6424737" "6208982" "6223195" "5953452" "5414804").pn.	USPAT	2004/05/19 22:11
-	293	multilayer adj perceptron	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 22:11
-	2	radon and neural and dual and (multilayer adj perceptron)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 22:11
-	3	Radon same weight\$1 same function and (multilayer adj perceptron)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 22:11
-	0	(5311600, 5101270, 5654820, 5953452, 5414804, 5475726, 5491735, 5515409, 5960055, 6009142, 6061423, 6072851, "6108575").pn. and (multilayer adj perceptron)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 22:11
-	1	("6560586" "5963388" "5953388" "6009142" "5504792" "5400255" "5784481" "5311600" "6424737" "6208982" "6223195" "5953452" "5414804").pn. and (multilayer adj perceptron)	USPAT	2004/05/19 22:36

-	1	(multidimensional or multi-dimensional) adj function and (multilayer adj perceptron)	USPAT	2004/05/19 22:29
-	3	radon and neural and (multilayer adj perceptron)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 22:30
-	3	Radon same weight\$1 and (multilayer adj perceptron)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 22:30
-	155	(multilayer adj perceptron) and @pd<=20000124	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 22:30
-	11468	weight\$1 same train\$3	USPAT	2004/05/19 22:37
-	124	(multilayer adj perceptron) and (weight\$1 same train\$3)	USPAT	2004/05/19 22:37
-	123	((multilayer adj perceptron) and (weight\$1 same train\$3)) and neural	USPAT	2004/05/19 22:37



» Se

Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 Print FormatYour search matched **8** of **1038994** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter new one in the text box.

 Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Hierarchical classification of bank checks using genetic algorithms***Elnemr, H.A.; Rashwan, M.; Elsherif, M.S.; Hussien, A.;*

Image and Signal Processing and Analysis, 2003. ISPA 2003. Proceedings of the 3rd International Symposium on, Volume: 2, Sept. 18-20, 2003

Pages:770 - 773

[\[Abstract\]](#) [\[PDF Full-Text \(1418 KB\)\]](#) **IEEE CNF****2 Matching criteria in fractal image compression***Elsherif, M.; Rashwan, M.; Elsayad, A.;*

Circuits and Systems, 2000. Proceedings of the 43rd IEEE Midwest Symposium on, Volume: 2, 8-11 Aug. 2000

Pages:612 - 615 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(384 KB\)\]](#) **IEEE CNF****3 Wavelet segmentation for fetal ultrasound images***Zayed, N.M.; Badwi, A.M.; Elsayad, A.; Elsherif, M.S.; Youssef, A.-B.M.;*

Circuits and Systems, 2001. MWSCAS 2001. Proceedings of the 44th IEEE 2001 Midwest Symposium on, Volume: 1, 14-17 Aug. 2001

Pages:501 - 504 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(471 KB\)\]](#) **IEEE CNF****4 Wavelet packet denoising for mammogram enhancement***Elsherif, M.S.; Elsayad, A.;*

Circuits and Systems, 2001. MWSCAS 2001. Proceedings of the 44th IEEE 2001 Midwest Symposium on, Volume: 1, 14-17 Aug. 2001

Pages:180 - 183 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(607 KB\)\]](#) [IEEE CNF](#)

5 On modifying the weights in a modular recurrent connectionist system
Elsherif, H.; Hambaba, M.;

Neural Networks, 1994. IEEE World Congress on Computational Intelligence., IEEE International Conference on , Volume: 1 , 27 June-2 July 1994
Pages:535 - 539 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(220 KB\)\]](#) [IEEE CNF](#)

6 Pyramid data structures for on-line image progressive transmission

Rashwan, M.A.; Elsherif, M.S.; Elsayad, A.M.;

Circuits and Systems, 1993., Proceedings of the 36th Midwest Symposium on
18 Aug. 1993
Pages:103 - 106 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(272 KB\)\]](#) [IEEE CNF](#)

7 A modular neural network architecture for pattern classification

Elsherif, H.; Hambaba, M.;

Neural Networks for Signal Processing [1993] III. Proceedings of the 1993 IE
Workshop , 6-9 Sept. 1993
Pages:232 - 238

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) [IEEE CNF](#)

8 Nonhomogeneous image coding for progressive transmission

Rashwan, M.A.; Elsherif, M.S.; Elsayad, A.M.;

Circuits and Systems, 1992., Proceedings of the 35th Midwest Symposium on
12 Aug. 1992
Pages:1225 - 1228 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(496 KB\)\]](#) [IEEE CNF](#)



» See

Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

 Print Format

Your search matched **28** of **1038994** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter new one in the text box.

multilayer perceptron<and>hidden layer<and>conne

Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Scaling down: applying large vocabulary hybrid HMM-MLP methods telephone recognition of digits and natural numbers

Ma, K.; Morgan, N.;

Neural Networks for Signal Processing [1995] V. Proceedings of the 1995 IEE Workshop , 31 Aug.-2 Sept. 1995

Pages:223 - 232

[Abstract] [\[PDF Full-Text \(524 KB\)\]](#) **IEE JNL**

2 A variable structure neural network model and its applications

Wenjian Wang; Xiaoci Tang; Wangchao Li;

TENCON '93. Proceedings. Computer, Communication, Control and Power

Engineering.1993 IEEE Region 10 Conference on , Issue: 0 , 19-21 Oct. 1993

Pages:799 - 802 vol.2

[Abstract] [\[PDF Full-Text \(168 KB\)\]](#) **IEE JNL**

3 Enhancing neural network functionality with ensemble encoding

Narayan, S.; Tagliarini, G.A.; Page, E.W.;

Southeastcon '93, Proceedings., IEEE , 4-7 April 1993

Pages:2 p.

[Abstract] [\[PDF Full-Text \(200 KB\)\]](#) **IEE JNL**

4 Input driven MLP model and its application to the recognition of Chinese characters

Chung, H.S.; Ryeu, J.K.; Lee, W.I.;

Circuits and Systems, 1991., IEEE International Symposium on , 11-14 June

Pages:1192 - 1195 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(352 KB\)\]](#) [IEE JNL](#)

5 Performance of a neural binary pattern classifier

Braham, R.;

Computers and Digital Techniques, IEE Proceedings- , Volume: 142 , Issue: 2 , March 1995

Pages:152 - 156

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) [IEEE JNL](#)

6 A fuzzy self-organized backpropagation using nervous system

Kwang Baek Kim; Myung Ho Kang; Eui Young Cha;

Systems, Man, and Cybernetics, 1997. 'Computational Cybernetics and Simulation', 1997 IEEE International Conference on , Volume: 2 , 12-15 Oct.

Pages:1457 - 1462 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(552 KB\)\]](#) [IEE JNL](#)

7 Manipulation of hidden units activities for fault tolerant multi-layer neural networks

Katsuda, Y.; Takase, H.; Kita, H.; Hayashi, T.;

Computational Intelligence in Robotics and Automation, 2003. Proceedings. 2 IEEE International Symposium on , Volume: 1 , 16-20 July 2003

Pages:19 - 24 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(386 KB\)\]](#) [IEE JNL](#)

8 Radial basis perceptron network and its applications for pattern recognition

Min Han; Jianhui Xi;

Neural Networks, 2002. IJCNN '02. Proceedings of the 2002 International Joint Conference on , Volume: 1 , 12-17 May 2002

Pages:669 - 674

[\[Abstract\]](#) [\[PDF Full-Text \(445 KB\)\]](#) [IEE JNL](#)

9 A two layer network using the OR/AND neuron

Bailey, S.A.; Ye-Hwa Chen;

Fuzzy Systems Proceedings, 1998. IEEE World Congress on Computational Intelligence., The 1998 IEEE International Conference on , Volume: 2 , 4-9 M 1998

Pages:1211 - 1216 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(384 KB\)\]](#) [IEE JNL](#)

10 Regression using independent component analysis, and its connection to multi-layer perceptrons

Hyvarinen, A.;

Artificial Neural Networks, 1999. ICANN 99. Ninth International Conference on (Conf. Publ. No. 470) , Volume: 1 , 7-10 Sept. 1999

Pages:491 - 496 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(472 KB\)\]](#) [IEE CNF](#)

11 Modelling the visual cortex using artificial neural networks for visual image reconstruction

Qiu, G.;

Artificial Neural Networks, 1995., Fourth International Conference on , 26-28 1995

Pages:127 - 132

[\[Abstract\]](#) [\[PDF Full-Text \(644 KB\)\]](#) [IEE CNF](#)

12 Environment-adaptation mobile radio propagation prediction using radial basis function neural networks

Po-Rong Chang; Wen-Hao Yang;

Vehicular Technology, IEEE Transactions on , Volume: 46 , Issue: 1 , Feb. 19

Pages:155 - 160

[\[Abstract\]](#) [\[PDF Full-Text \(212 KB\)\]](#) [IEEE JNL](#)

13 Neighbor-layer updating in MBDS for the recall of pure bipolar patterns in gray-scale noise

Donq-Liang Lee; Wen-June Wang;

Neural Networks, IEEE Transactions on , Volume: 6 , Issue: 6 , Nov. 1995

Pages:1478 - 1489

[\[Abstract\]](#) [\[PDF Full-Text \(880 KB\)\]](#) [IEEE JNL](#)

14 On the initialization and optimization of multilayer perceptrons

Weymaere, N.; Martens, J.-P.;

Neural Networks, IEEE Transactions on , Volume: 5 , Issue: 5 , Sept. 1994

Pages:738 - 751

[\[Abstract\]](#) [\[PDF Full-Text \(1224 KB\)\]](#) [IEEE JNL](#)

15 An object oriented neuro-controller design for motor drive technology

Rubaai, A.; Kankam, M.D., Sr.; Noga, D.F.;

Energy Conversion Engineering Conference, 1997. IECEC-97. Proceedings of the 32nd Intersociety , Volume: 1 , 27 July-1 Aug. 1997

Pages:286 - 291 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(432 KB\)\]](#) [IEEE JNL](#)

[1](#) [2](#) [Next](#)

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)

» See

[Membership](#) [Publications/Services](#) [Standards](#) [Conferences](#) [Careers/Jobs](#)Welcome
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)**Quick Links**

Welcome to IEEE Xplore®

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

Print Format

Your search matched **28** of **1038994** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter new one in the text box.

multilayer perceptron<and>hidden layer<and>conn

 Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**16 Improvements on handwritten digit recognition by genetic selective neural network topology and by augmented training**

Perez, C.A.; Holzmann, C.A.;

Systems, Man, and Cybernetics, 1997. 'Computational Cybernetics and Simulation',, 1997 IEEE International Conference on , Volume: 2 , 12-15 Oct.

Pages:1487 - 1491 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(368 KB\)\]](#) **IEEE CNF****17 Statistical risk analysis for classification and feature extraction by multilayer perceptrons**

Chatterjee, C.; Roychowdhury, V.;

Neural Networks, 1996., IEEE International Conference on , Volume: 3 , 3-6 : 1996

Pages:1610 - 1615 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) **IEEE CNF****18 Adaptive high order neural trees for pattern recognition**

Foresti, G.L.; Christian, M.; Snidaro, L.;

Pattern Recognition, 2002. Proceedings. 16th International Conference on , Volume: 2 , 11-15 Aug. 2002

Pages:877 - 880 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(361 KB\)\]](#) **IEEE CNF****19 A new pyramid network and its generalization performance**

Jinhui Chao; Hoshino, M.; Kitamura, T.; Masuda, T.;

Neural Networks, 2001. Proceedings. IJCNN '01. International Joint Conference

on , Volume: 4 , 15-19 July 2001
Pages:2811 - 2816 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(372 KB\)\]](#) [IEEE CNF](#)

20 A training scheme for pattern classification using multi-layer feed-forward neural networks

Keeni, K.; Nakayama, K.; Shimodaira, H.;
Computational Intelligence and Multimedia Applications, 1999. ICCIMA '99.
Proceedings. Third International Conference on , 23-26 Sept. 1999
Pages:307 - 311

[\[Abstract\]](#) [\[PDF Full-Text \(252 KB\)\]](#) [IEEE CNF](#)

21 EBP-learning algorithm for multi-layered and inter-connected neural networks

Yamamoto, Y.;
SICE '98. Proceedings of the 37th SICE Annual Conference. International Sessions , 29-31 July 1998
Pages:803 - 808

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) [IEEE CNF](#)

22 Partially recurrent neural networks for production of temporal sequence

Araujo, A.F.R.; D'Arbo, H., Jr.;
Neural Networks Proceedings, 1998. IEEE World Congress on Computational Intelligence. The 1998 IEEE International Joint Conference on , Volume: 1 , 4 May 1998
Pages:474 - 479 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(532 KB\)\]](#) [IEEE CNF](#)

23 Evolving radial basis function neural networks using a genetic algorithm

Carse, B.; Pipe, A.G.; Fogarty, T.C.; Hill, T.;
Evolutionary Computation, 1995., IEEE International Conference on , Volume 1 , 29 Nov.-1 Dec. 1995
Pages:300

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) [IEEE CNF](#)

24 On the multilayered Hopfield neural networks

Liang Jin; Nikiforuk, P.N.; Gupta, M.M.;
Neural Networks, 1994. IEEE World Congress on Computational Intelligence., IEEE International Conference on , Volume: 3 , 27 June-2 July 1994
Pages:1443 - 1448 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(396 KB\)\]](#) [IEEE CNF](#)

25 Layered neural networks with horizontal connections can reduce the number of units

Smid, J.;

Neural Networks, 1994. IEEE World Congress on Computational Intelligence., IEEE International Conference on , Volume: 3 , 27 June-2 July 1994
Pages:1346 - 1350 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(272 KB\)\]](#) [IEEE CNF](#)

26 An intelligent optical sensor realization

Lei, K.W.; Jullien, G.A.; Miller, W.C.;

Circuits and Systems, 1993., Proceedings of the 36th Midwest Symposium on
18 Aug. 1993

Pages:1284 - 1287 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(484 KB\)\]](#) [IEEE CNF](#)

27 Fault tolerance and redundancy of neural nets for the classification of acoustic data

Emmerson, M.D.; Damper, R.I.; Hey, A.J.G.; Upstill, C.;

Acoustics, Speech, and Signal Processing, 1991. ICASSP-91., 1991 International Conference on , 14-17 April 1991

Pages:1053 - 1056 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(464 KB\)\]](#) [IEEE CNF](#)

28 Performance of neural network in image reconstruction and interpretation for electrical capacitance tomography

Nooralahiyan, A.Y.; Hoyle, B.S.; Bailey, N.J.;

Innovations in Instrumentation for Electrical Tomography, IEE Colloquium on
May 1995

Pages:5/1 - 5/3

[\[Abstract\]](#) [\[PDF Full-Text \(216 KB\)\]](#) [IEEE CNF](#)

[Prev](#) [1](#) [2](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#)
[New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved